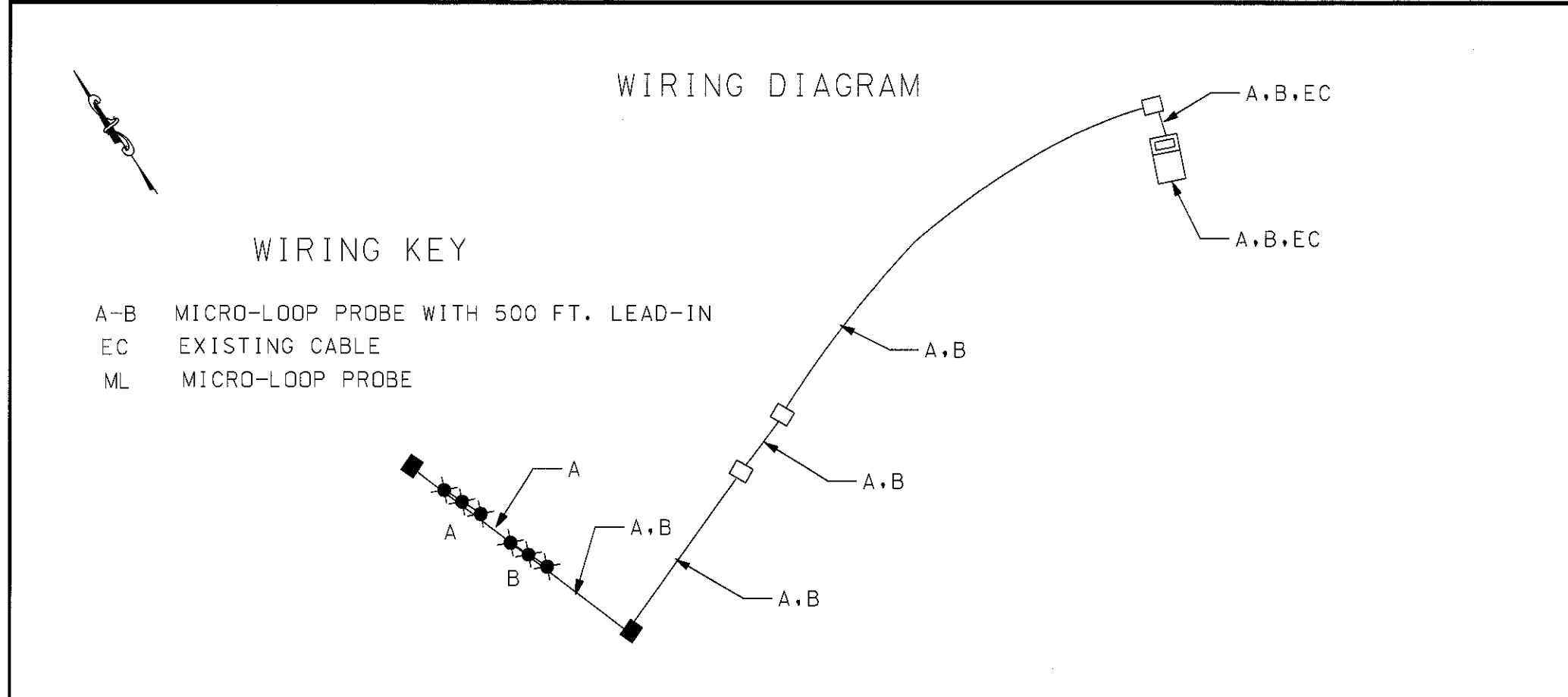


PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF MD 235 AND MD 4 IN ST. MARY'S COUNTY. MD 235 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION. MODIFICATION DUE TO LENGTHENING OF THE N.B. MD 4 RIGHT TURN LANE WHICH WILL INVOLVE DETECTION REPLACEMENT.

INTERSECTION OPERATION

THE EXISTING EIGHT-PHASE, FULL-TRAFFIC-ACTUATED NEMA CONTROLLER HOUSED IN A BASE CABINET IS BEING USED. THE CONTROLLER CURRENTLY OPERATES AS A SIX-PHASE, FULL-TRAFFIC-ACTUATED CONTROLLER WITH EXCLUSIVE LEFT TURN PHASES FOR MD 235. FIREHOUSE PRE-EMPTION FOR N.B. MD 235 AND SPLIT SIDE STREETS. AN ALTERNATE PEDESTRIAN PHASE EXISTS FOR THE NORTH LEG OF MD 235 AND A CONCURRENT PEDESTRIAN PHASE EXISTS ON BOTH MD 4 APPROACHES. THE CURRENT PHASES WILL NOT BE CHANGED.



EQUIPMENT LIST "A"

A. APPROVED SHA EQUIPMENT TO BE PURCHASED BY THE DEVELOPER AND INSTALLED BY THE CONTRACTOR. ALL EQUIPMENT IN THIS LIST SHALL HAVE CATALOG CUTS SUBMITTED FOR APPROVAL PRIOR TO INSTALLATION.

| ITEM NO. | QUANTITY | DESCRIPTION |
|----------|----------|-------------|
| NONE | | |

CONTACT PERSONS FOR DISTRICT 5 ARE AS FOLLOWS:

MS. KIM TRAN
ASSISTANT DISTRICT ENGINEER - TRAFFIC
(410) 841-1003

MR. CHARLES GEORGE
ASSISTANT DISTRICT ENGINEER - MAINTENANCE
(410) 841-1002

MR. JOHN MAYS
ASSISTANT DISTRICT ENGINEER - UTILITIES
(410) 841-1005

CONTACTS FOR OFFICE OF TRAFFIC AND SAFETY

MR. RICHARD DAFF, SR.
CHIEF, TRAFFIC OPERATIONS
(410) 787-7630

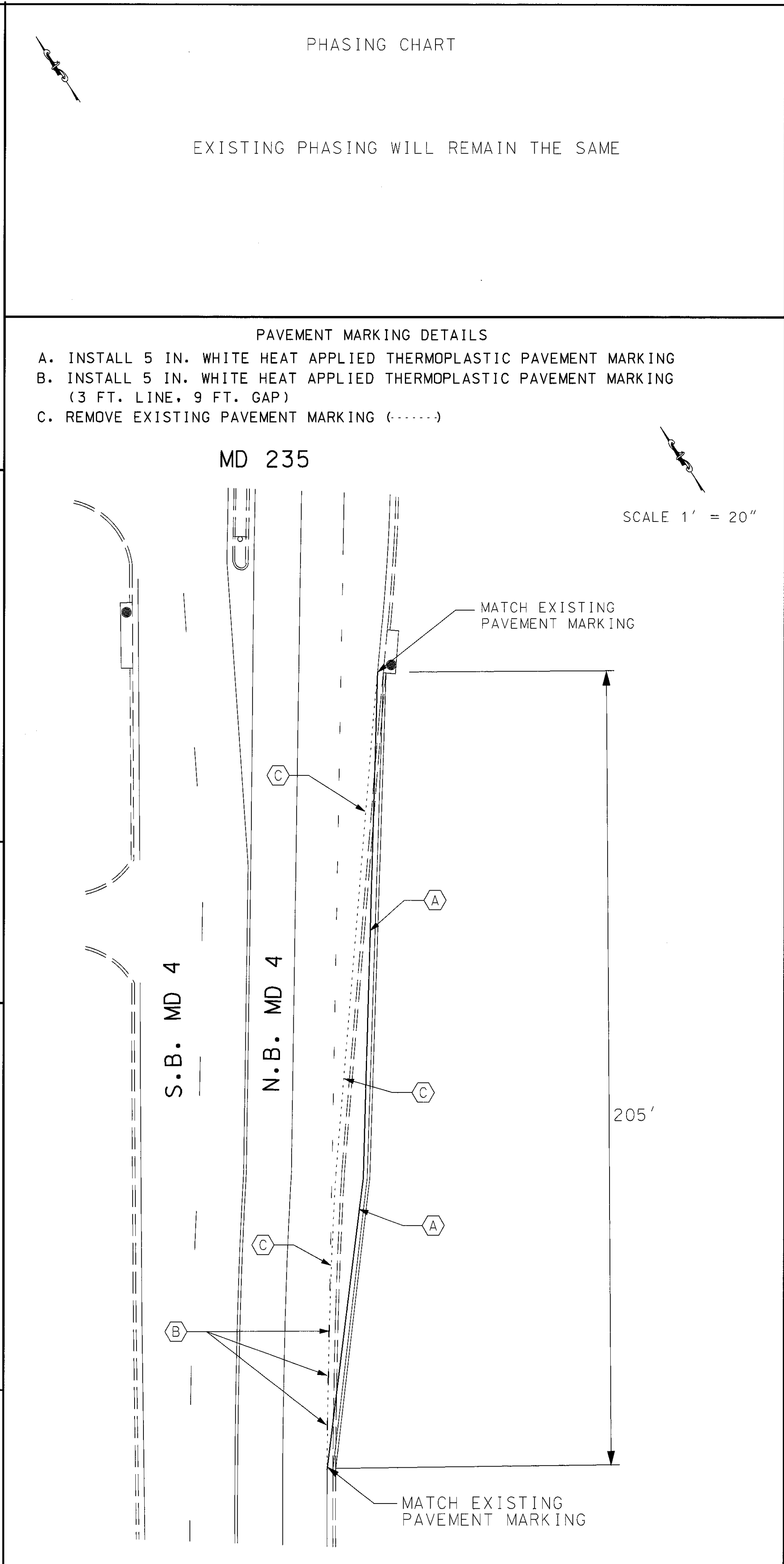
MR. EUGENE BAILEY
TEAM LEADER SIGN OPERATIONS
(410) 787-7676

MR. ROBERT SNYDER
ASSISTANT DIVISION CHIEF,
TRAFFIC OPERATIONS
(410) 787-7631

MS. DARLENE EIDE
SUPPLY OFFICE
SIGNAL SHOP WAREHOUSE
(410) 787-7668

MR. ED RODENHIZER
TEAM LEADER SIGNAL OPERATIONS
(410) 787-7652

TRAFFIC CONCEPTS, INC.
325 Gambrills Road
Suite E
Gambrills, MD 21054
(410) 923-7101



EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR
ALL EQUIPMENT SHALL HAVE CATALOG CUTS SUBMITTED TO OOTS FOR APPROVAL PRIOR TO INSTALLATION.

| ITEM NO. | QUANTITY | DESCRIPTION |
|----------|----------|---|
| 1001 | 1 EA | MAINTENANCE OF TRAFFIC |
| 5006 | 215 LF | FURNISH AND INSTALL 5 IN. WHITE HEAT APPLIED PERMANENT THERMOPLASTIC PAVEMENT MARKING |
| 5008 | 205 LF | REMOVAL OF EXISTING PAVEMENT LINE MARKING - ANY WIDTH |
| 8044 | 2 EA | FURNISH AND INSTALL NON-INVASIVE MICRO-LOOP PROBE SET WITH 500 FT. LEAD-IN |
| 8048 | LS | REMOVE AND DISPOSE OF EXISTING EQUIPMENT |
| 8052 | 65 LF | FURNISH AND INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - BORED |
| 8072 | 2 EA | FURNISH AND INSTALL ELECTRICAL HANDHOLE |
| 8088 | 30 LF | FURNISH AND INSTALL SAW CUT FOR LOOP DETECTOR |
| 8091 | 115 LF | FURNISH AND INSTALL 2 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - TRENCHED |

EQUIPMENT LIST "C"

C. EXISTING EQUIPMENT TO BE REMOVED BY THE CONTRACTOR AND DELIVERED TO THE STATE HIGHWAY ADMINISTRATION, 7491 CONNELLEY DRIVE, HANOVER, MARYLAND 21076. THE CONTRACTOR SHALL NOTIFY THE SHA AT (410) 787-7652 AT LEAST THREE DAYS IN ADVANCE OF DELIVERY.

| ITEM NO. | QUANTITY | DESCRIPTION |
|----------|----------|-------------|
| NONE | | |

ALL SIGNAL EQUIPMENT TO BE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
GENERAL INFORMATION
MD 235 AND MD 4

| | | | |
|----------------------|----------------------------|-------------------|------------------|
| DRAWN BY: M.HOWELL | F.A.P. NO. NHG-265-1 (7) E | TS NO. 1637-G-41 | SHEET NO. 2 OF 2 |
| CHECKED BY: T.ZAYDEL | S.H.A. NO. BW996M82 | T.I.M.S. NO. F873 | |
| SCALE: 1" = 20' | COUNTY: ST. MARY'S | | |
| DATE: 6-13-03 | LOG MILE: 18023516.67 | | |